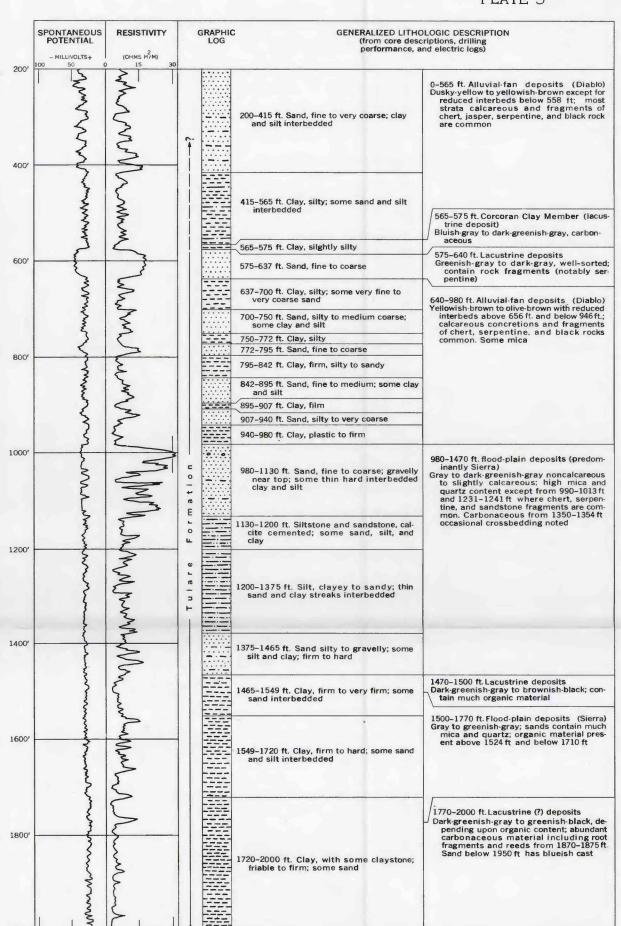


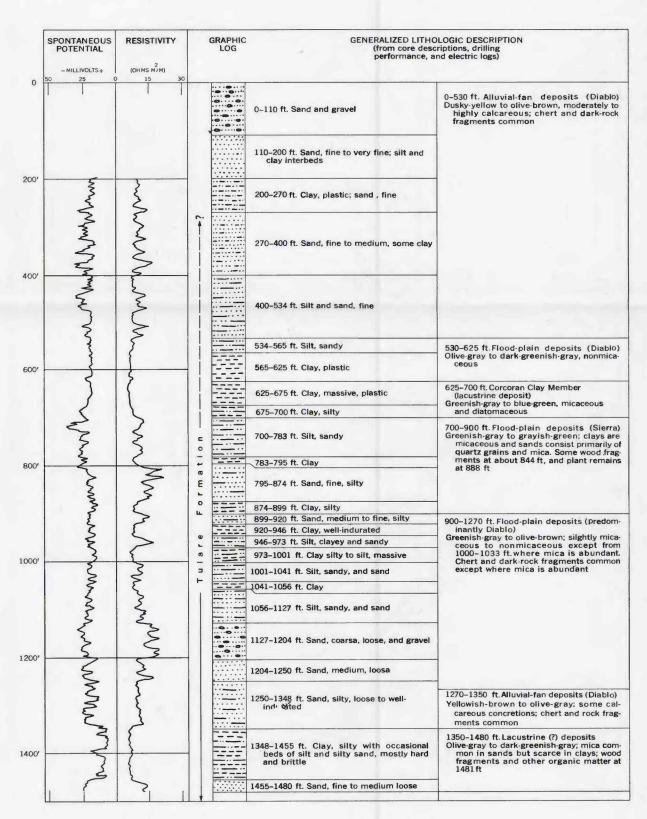
CORE HOLE 12/12-16H1

Note.—Principal source of deposits, where identified, is indicated as Diablo (derived from the Diablo Range) or Sierra (derived from the Sierra Nevada)

SPONTANEOUS POTENTIAL -MILLIVOLTS+ 100 50 0	(OHMS M/M) 15 30	LOG (from core desc		DLOGIC DESCRIPTION priptions, drilling nd electric logs)
			0-120 ft. Sand and gravel; some clay and silt interbeds	0-670 ft. Alluvial-fan deposits (Diablo) Olive-brown to yellow-brown; some clays and silts dusky yellow. Most strata mod erately to highly calcareous, containing fragments of fine-grained rocks includ ing chert, jasper, quartz, and sandstone
5	3		120-299 ft. Sand, fine to coarse; some gravel; clay and silt interbeds	some weathered mica is present
3	{		299-321 ft. Sand and silt 321-345 ft. Clay	
}	2		345-405 ft. Silt, sandy	
{	5		405-447 ft. Silt and sandy	
1	>		447-475 ft. Sand and silty sand	0.000
{	3		475-582 ft. Sand, silty, fine to medium	
		•	582-610 ft.Sand, fine to medium; some gravel	
{	3		610-648 ft. Silt and sand	
\$	3	• •	648-676 ft. Sand, fine to coarse; some gravel	670-730 ft. Lacustrine deposits Olive-brown to bluish-gray, locally sorted
}	ا کم		676-730 ft. Sand, fine to coarse, massive 730-750 ft. Silt, massive, friable	730-750 ft. Corcoran Clay Member Dark-bluish-gray; contains organic matte
ζ			750-780 ft. Sand, medium to coarse, massive	and some biotite
3	5	- 2	780-807 ft. Clay and silt; some sandy layers 807-840 ft. Sand and gravel, loose	Dark-bluish-gray, locally well-sorted; contains some biotite
}	5		840-880 ft. Clay, silty to sandy	780-1790ft. Alluvial-fan deposits (Diablo)
}	5		880-912 ft. Clay, plastic	Yellow to olive-brown, mostly yellowish brown; occasional olive-gray layers and bluish-gray inclusions below 1342ft
}			912-933 ft. Sand and gravel 933-952 ft. Clay and sandy clay	slightly to moderately calcareous; com mon occurrence of fragments of fine grained rocks, including chert, jasper
}	2		952-1034 ft. Sand, silty, loose to firm	quartz, and some volcanic rocks. Gravel consist of pebbles and cobbles as muc as 2 in, in diameter
{	3	0	1034-1077 ft. Sand and gravel	
}	1	5	1077–1133 ft. Clay silty; some sand	
}	2	E a t	1133-1248 ft. Sand, silty, loose to firm	
}	5	0	1248-1286 ft. Clay, silty	
}	3	o	1286–1369 ft. Sand, fine to coarse; some gravel	
}	3		1369-1435 ft. Clay, silty	
{	3	2222	1435-1460 ft. Sand, fine to coarse 1460-1480 ft. Clay	
}	A		1480-1640 ft. Sand, very fine to medium, silty, loose to firm	
~~~~~	Sand		1640-1792 ft. Slit and clay; massive clay- stone, some sand	
~~~~~	MMM		1792–1998 ft. Sand, silt, siltstone, clay and claystone, interbedded	1790-2203 ft. Deltaic deposits (Sierra Blue-green to greenish-gray, noncalcareou to moderately calcareous; mica an quartz common. Much organic materia including reed and grass remains, an wood fragments in zone from 1792 2030ft. Shell fragments, including Litto rina, Amnicola, and Fluminicola, at 2054 fr
2	3		1998-2023 ft. Siltstone and claystone	
1	3			
}	3		2023–2203 ft. Sand and siltstone well-indurated	



CORE HOLE 16/15-34N1



CORE HOLE 19/17-22J1,2

CORE HOLE 14/13-11D1,2